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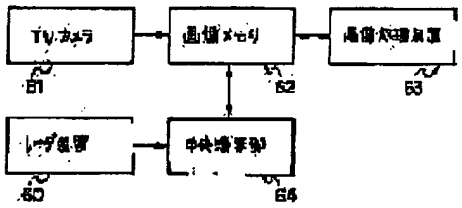
## (54) RECOGNITION DEVICE FOR FRONT OF MOVING VEHICLE AND VEHICLE TRAVEL CONTROLLER

(57)Abstract:
PURPOSE: To provide the front recognition device of a moving vehicle, which can identify the number and the car types of preceding vehicles even if one reflecting mirror at the rear part of the preceding vehicle lacks.
CONSTITUTION: This system is provided with a picture memory 62 storing picture information of a front target, a picture processor 63 executing an outline emphasis processing on picture information on the front target, a radar device 60 measuring a distance from the self vehicle to the front target and a central arithmetic part calculating the actual lateral direction and that of a vertical direction in a front target picture which is outline-emphasized by using a distance value to the front target, successively comparing them with the size values of the respective lateral direction and the vertical direction of a front target group, which are previously stored, and specifying the nearest front target.



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